

# Converting Colors

Decimal(10240884)

Have a look what the booklet for  
Decimal(10240884) contains.

<b>Decimal(10240884)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(10240884)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C4374
RGB	156, 67, 116
RGB Percent	61%, 26%, 45%
CMY	0.3882, 0.7373, 0.5451
CMYK	0.00, 0.57, 0.26, 0.39
HSL	327°, 40%, 44%
HSV	327°, 57%, 61%
XYZ	18.8698, 12.3432, 17.9109
YIQ	99.1970, 37.3150, 34.1070

# Conversions

## Conversions Part 2

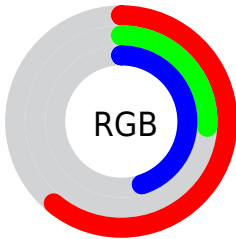
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 67, 116
Decimal	10240884
CIE <sub>Lab</sub>	41.76, 42.73, -10.00
CIE <sub>LCh</sub>	42, 43.890, 346.824
Yxy	12.3432, 0.3841, 0.2513
Android (android.graphics.Color)	4288430964 (0xFF9C4374)
YUV	99.1970, 8.2839, 49.8162
Hunter-Lab	35.1329, 34.3897, -5.6333

# Details

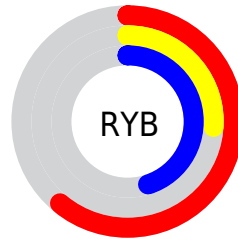
The Decimal color **10240884** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4430955**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **13989800**, and **6687300** is the 20% darker color. If you saturate the color by 10%, you get **10236781**, and if you desaturate by 10%, it is **10244987**.

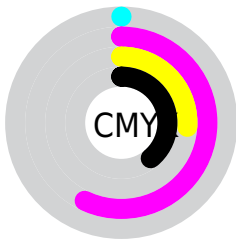
# Distribution



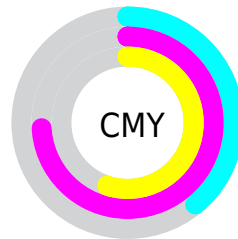
- Red (61%)
- Green (26%)
- Blue (45%)



- Red (61%)
- Yellow (26%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (26%)
- Black (39%)



- Cyan (39%)
- Magenta (74%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10240884 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 10240884 by changing the saturation by 10% instead.



 10240884

 10240884

16777215

 8464731

 13989800

 6687300

 15897283

 4915246

 16756191

 3407897

 16763388

 1114112

 16770815

 0

 10240884

 10240884

 10236781

 10244987

 10232934

 10248834

 10228831

 10252937

 10224984

 10256784

 10223702

 10260887

 10264990

 10268837

 10272940

 10276787

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8278164



10240884



10764880

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10240884



6448918



29334

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10240884



4430955

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29814



10240884



3698478

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10240884



8608535



29521



27561

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10240884



10438713



29521



29581



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10240884



13412796



6964124



6705757



15132390



6710886



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10240884



13386126



10240841



5195595



9371727



983048



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



10240884



13386126



4430998



5195595



9371727

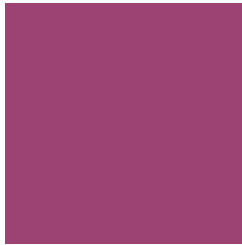


983048



# Previews

## White Background



This preview shows how the Decimal color 10240884 looks on a white background.

## Color Contrast Check

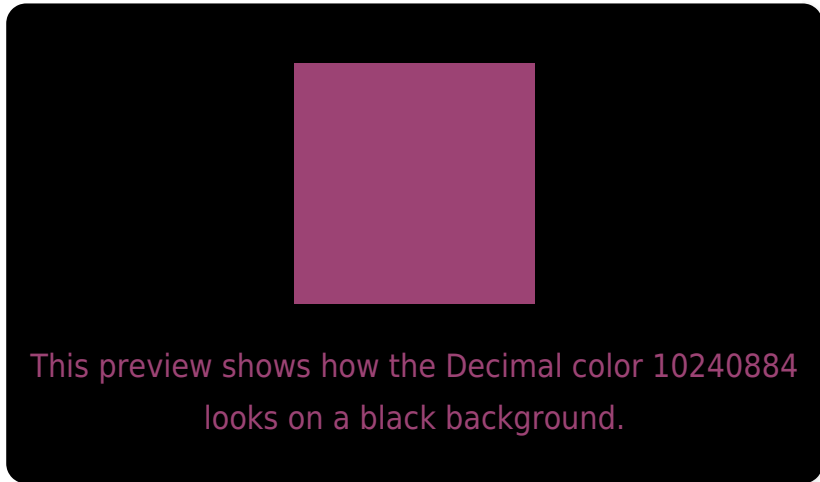
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10240884 Background



This preview shows how black text looks on a background with the Decimal color 10240884.



This preview shows how white text looks on a background with the Decimal color 10240884.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
10046288

# Trichromacy



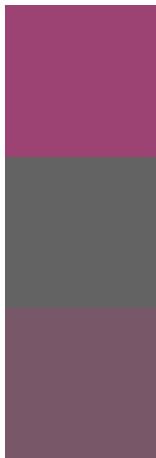
**Original Color**  
10240884

**Protanomaly**  
7362434

**Deuteranomaly**  
8017521

**Tritanomaly**  
10111069

# Monochromacy



**Original Color**  
10240884

**Achromatopsia**  
6513507

**Achromatomaly**  
7886697

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10240884 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9C4374 looks like.

```
.text, #text, p{  
  color:#9C4374  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9C4374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C4374
}
```

## Border

The CSS property to change the border of an element to Decimal 10240884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

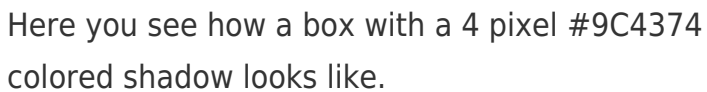
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C4374 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9C4374 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9C4374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C4374; -webkit-box-shadow:4px 4px  
4px 4px #9C4374; box-shadow:4px 4px 4px  
4px #9C4374 }
```

# Background

The CSS property to change the background color of an element to Decimal 10240884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C4374 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9C4374 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor